



NOTICE of EXEMPTION from CEQA

CITY OF LONG BEACH | DEPARTMENT OF DEVELOPMENT SERVICES
 333 W. OCEAN BLVD., 5TH FLOOR, LONG BEACH, CA 90802
 (562) 570-6194 FAX: (562) 570-6068
 lbsds.longbeach.gov

TO: ☐ Office of Planning & Research
 1400 Tenth Street, Room 121
 Sacramento, CA 95814

FROM: Department of Development Services
 333 W. Ocean Blvd, 5th Floor
 Long Beach, CA 90802

☒ L.A. County Clerk
 Environmental Fillings
 12400 E. Imperial Hwy., Room 1201
 Norwalk, CA 90650

Project Title: CE- 18-216

Project Location/Address: NEC ATLANTIC AVE. & ARTESIA BLVD. LONG BEACH, CA

Project Activity/Description: Free-standing restaurant building with outdoor patio,
2 storage container/restaurant kiosks with outdoor patio, a free-standing
restaurant with drive through and patio, a free-standing bank with drive up
ATM, and a free-standing ready-to-eat restaurant (coffee) building
with drive through and outdoor patio.

Public Agency Approving Project: City of Long Beach, Los Angeles County, California

Applicant Name: ATLANTIC & ARTESIA LLC, A CALIFORNIA LIMITED LIABILITY COMPA

Mailing Address: 610 NEWPORT CENTER DRIVE, SUITE 1520, NEWPORT BEACH, CA 92660

Phone Number: 949-303-0853 Applicant Signature: D. C.

BELOW THIS LINE FOR STAFF USE ONLY

Application Number: 1806-25 Planner's Initials: A.O

Required Permits: SPR, COP, AND AUP

THE ABOVE PROJECT HAS BEEN FOUND TO BE EXEMPT FROM CEQA IN ACCORDANCE WITH
 STATE GUIDELINES SECTION 15332.

Statement of support for this finding: THIS PROJECT QUALIFIES AS AN URBAN
INFILL DEVELOPMENT AS IT IS FOR THE CONSTRUCTION OF SIX
BUILDINGS TOTALING 10,330 SQ.FT. ON A 93,045 SQ.FT.
LOT.

Contact Person: ALEXIS OROPEZA Contact Phone: 562-570-6413

Signature: Alexis Oropeza Date: 9/26/18

CALIFORNIA ENVIRONMENTAL QUALITY ACT
STATEMENT OF SUPPORT
CLASS 32 (INFILL DEVELOPMENT) EXEMPTION DETERMINATION
6600 Atlantic Avenue
Application No. 1806-25
December 6, 2018

Section 15300 through 15333 of the California Environmental Quality Act (CEQA) establishes certain classes of projects as categorically exempt from the provisions of CEQA because they do not ordinarily result in a significant effect on the environment. The Project proposes to construct a 11,013 square-foot commercial shopping center consisting of six buildings including; a bank and two restaurants with drive-through lanes supported by 84 parking stalls on a 93,045 square-foot site located at 6600 Atlantic Avenue in the Community Automobile-Oriented District (CCA). The project includes a Tentative Parcel Map to reconfigure the site into four new parcels.

CEQA Section 15300.2 provides specific instance where exceptions to the established Classes of Exemptions included Class 32 -Infill Exemption are superseded; none of those conditions were found to apply to this project. The following analysis provides substantial evidence to support a conclusion that the proposed project qualifies for an exemption under CEQA Guidelines Section 15332 as a Class 32 urban infill development, and would not have a significant effect on the environment.

A. THE PROJECT IS CONSISTENT WITH THE APPLICABLE GENERAL PLAN DESIGNATION AND ALL APPLICABLE GENERAL PLAN POLICIES AS WELL AS WITH APPLICABLE ZONING DESIGNATION AND REGULATIONS.

The project site is zoned Community Automobile Oriented (CCA) District; a designation that permits retail and service uses. This Zoning designation is consistent with the General Plan Land Use Designation (LUD) of LUD #8A Traditional Retail Strip Commercial and LUD #8N Shopping Nodes. The project is designed to comply with all development standards and implements the General Plan objectives to provide adequate off-site parking, minimize the number of curb cuts, and designs commercial structures that are sensitive to nearby residential uses through its site configuration.

B. THE PROPOSED DEVELOPMENT OCCURS WITHIN CITY LIMITS ON A PROJECT SITE OF NO MORE THAN FIVE ACRES SUBSTANTIALLY SURROUNDED BY URBAN USES.

The project site is entirely within the city limits of Long beach, on a site that is 2.4 acres in size which is less than maximum five acres specified. The project site is bounded by Atlantic Avenue to the west, Lime Avenue to the east, Artesia Boulevard to the south, and the alley to the north. The project site was previously developed with commercial uses including a laundromat, drive through photo kiosk, and auto parts and repair shop but is now completely vacant of all structures. The surrounding streets separate the project site from a range of urban uses including both commercial and residential land uses.

C. THE PROJECT SITE HAS NO VALUE AS HABITAT FOR ENDANGERED, RARE OR THREATENED SPECIES

The project site is a formerly developed site that that has not value as, a habitat for endangered rare or threatened species.

D. APPROVAL OF THE PROJECT WOULD NOT RESULT IN ANY SIGNIFICANT EFFECTS RELATING TO TRAFFIC, NOISE, AIR QUALITY, OR WATER QUALITY.

The project will not result in any significant effects relating to traffic within the area or on the local streets as detailed in the Traffic Impact Analysis prepared by KOA and dated September 2018 and is incorporated by reference here.¹

The Project's emissions were calculated using CalEEmod V.2061.3.2 and is incorporated by reference here. Both emissions for construction and operation were found to be below the thresholds of significance for the six criteria pollutants established by the South Coast Air Quality Management District. Therefore, there are not significant effects relating to traffic are anticipated.

The ambient noise environment of the Project site consists primarily of traffic noise from the adjacent streets and the 91 Freeway located north of the project site. Short term noise levels associated with construction will comply with the City's Noise ordinance. Operational noise associated with the shopping center would be generated by vehicles, doors, car alarms, and peoples talking as is typical of commercial shopping centers. At the time of operation, the shopping center will not introduce a substantial new noise source relative to existing conditions and the project will operate within the standards of the adopted Noise Ordinance.

¹ Referenced documents are available for review at City Hall, Planning Bureau, 333 W. Ocean Blvd., 5th Floor, Long Beach, CA 90802.

Furthermore, the project has been condition to prohibit noise levels from the project to exceed the noise standards specified in the Long Beach Municipal Code.

The site is not identified as a contaminated or spill site, according to the Department of Toxic Substance Control's database EnviroStor. However, there are three sites located across the street from the project site at 6590 Atlantic Ave, 6629 Atlantic Ave, and 6601 Atlantic Avenue which were previously listed as Leaking Underground Storage Tank (LUST) and have been closed. Furthermore, a Phase II environmental site assessments were conducted for the project site and are incorporated by reference. The ESA's concluded that all Volatile Organic Compounds, Petroleum Hydrocarbons or Metals in Soils were less than the maximum threshold established by the Regional Water Quality Control Board or did not exceed local background levels and required no further action. Therefore, there is no potential for exposure due to contamination. The project includes a bioswale integrated into the perimeter landscaping to treat storm water run-off. Furthermore, the proposed project will comply with all requirements of the Long Beach Municipal Code Chapter 18.74 pertaining to low impact development standards and practices for stormwater pollution mitigation.

E. THE SITE CAN BE ADEQUATELY SERVED BY ALL REQUIRED UTILITIES AND PUBLIC SERVICES.

The project was previously developed and served by utilities and public services. The Project can adequately be served by utilities and public by reestablishing connections for water, sewer, electrically and natural gas, which would be undertaken as part of the building permitting process.



SCAQMD Air Quality Significance Thresholds

| Mass Daily Thresholds ^a | | |
|--|---|------------------------|
| Pollutant | Construction ^b | Operation ^c |
| NOx | 100 lbs/day | 55 lbs/day |
| VOC | 75 lbs/day | 55 lbs/day |
| PM10 | 150 lbs/day | 150 lbs/day |
| PM2.5 | 55 lbs/day | 55 lbs/day |
| SOx | 150 lbs/day | 150 lbs/day |
| CO | 550 lbs/day | 550 lbs/day |
| Lead | 3 lbs/day | 3 lbs/day |
| Toxic Air Contaminants (TACs), Odor, and GHG Thresholds | | |
| TACs (including carcinogens and non-carcinogens) | Maximum Incremental Cancer Risk ≥ 10 in 1 million Cancer Burden > 0.5 excess cancer cases (in areas ≥ 1 in 1 million) Chronic & Acute Hazard Index ≥ 1.0 (project increment) | |
| Odor | Project creates an odor nuisance pursuant to SCAQMD Rule 402 | |
| GHG | 10,000 MT/yr CO2eq for industrial facilities | |
| Ambient Air Quality Standards for Criteria Pollutants ^d | | |
| NO2 1-hour average annual arithmetic mean | SCAQMD is in attainment; project is significant if it causes or contributes to an exceedance of the following attainment standards: 0.18 ppm (state) 0.03 ppm (state) and 0.0534 ppm (federal) | |
| PM10 24-hour average annual average | 10.4 µg/m ³ (construction) ^e & 2.5 µg/m ³ (operation) 1.0 µg/m ³ | |
| PM2.5 24-hour average | 10.4 µg/m ³ (construction) ^e & 2.5 µg/m ³ (operation) | |
| SO2 1-hour average 24-hour average | 0.25 ppm (state) & 0.075 ppm (federal – 99 th percentile) 0.04 ppm (state) | |
| Sulfate 24-hour average | 25 µg/m ³ (state) | |
| CO 1-hour average 8-hour average | SCAQMD is in attainment; project is significant if it causes or contributes to an exceedance of the following attainment standards: 20 ppm (state) and 35 ppm (federal) 9.0 ppm (state/federal) | |
| Lead 30-day Average Rolling 3-month average | 1.5 µg/m ³ (state) 0.15 µg/m ³ (federal) | |

^a Source: SCAQMD CEQA Handbook (SCAQMD, 1993)

^b Construction thresholds apply to both the South Coast Air Basin and Coachella Valley (Salton Sea and Mojave Desert Air Basins).

^c For Coachella Valley, the mass daily thresholds for operation are the same as the construction thresholds.

^d Ambient air quality thresholds for criteria pollutants based on SCAQMD Rule 1303, Table A-2 unless otherwise stated.

^e Ambient air quality threshold based on SCAQMD Rule 403.

KEY: lbs/day = pounds per day ppm = parts per million µg/m³ = microgram per cubic meter ≥ = greater than or equal to
 MT/yr CO₂eq = metric tons per year of CO₂ equivalents > = greater than

Uptown Commons - Los Angeles-South Coast County, Winter

Uptown Commons Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|------------|-------|----------|-------------|--------------------|------------|
| Strip Mall | 11.00 | 1000sqft | 2.14 | 11,000.00 | 0 |

1.2 Other Project Characteristics

| | | | | | |
|--------------|-------|------------------|-----|---------------------------|------|
| Urbanization | Urban | Wind Speed (m/s) | 2.2 | Precipitation Freq (Days) | 33 |
| Climate Zone | 9 | | | Operational Year | 2020 |

Utility Company Southern California Edison

| | | | | | |
|--------------------------|--------|--------------------------|-------|--------------------------|-------|
| CO2 Intensity (lb/MW/hr) | 702.44 | CH4 Intensity (lb/MW/hr) | 0.029 | N2O Intensity (lb/MW/hr) | 0.006 |
|--------------------------|--------|--------------------------|-------|--------------------------|-------|

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Override lot acreage to reflect actual development site size

Construction Phase -

Land Use Change -

Sequestration -

| Table Name | Column Name | Default Value | New Value |
|------------------|------------------|---------------|-----------|
| tblLandUse | LotAcreage | 0.25 | 2.14 |
| tblSequestration | NumberOfNewTrees | 0.00 | 6.00 |

Uptown Commons - Los Angeles-South Coast County, Winter

2.0 Emissions Summary**2.1 Overall Construction (Maximum Daily Emission)****Unmitigated Construction**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------|---------|---------|---------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|------------------------|------------------------|--------|--------|------------------------|
| Year | lb/day | | | | | | | | | | | | | | | |
| 2019 | 10.4690 | 22.7851 | 15.4992 | 0.0260 | 6.6641 | 1.0920 | 7.7381 | 3.3971 | 1.0467 | 4.3851 | 0.0000 | 2,517.911 ₂ | 2,517.911 ₂ | 0.7709 | 0.0000 | 2,537.183 ₁ |
| 2020 | 10.4443 | 1.6875 | 1.8715 | 3.0800e-003 | 0.0112 | 0.1110 | 0.1222 | 2.9600e-003 | 0.1110 | 0.1140 | 0.0000 | 292.5223 | 292.5223 | 0.0221 | 0.0000 | 293.0758 |
| Maximum | 10.4690 | 22.7851 | 15.4992 | 0.0260 | 6.6641 | 1.0920 | 7.7381 | 3.3971 | 1.0467 | 4.3851 | 0.0000 | 2,517.911 ₂ | 2,517.911 ₂ | 0.7709 | 0.0000 | 2,537.183 ₁ |

Mitigated Construction

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------|---------|---------|---------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|------------------------|------------------------|--------|--------|------------------------|
| Year | lb/day | | | | | | | | | | | | | | | |
| 2019 | 10.4690 | 22.7851 | 15.4992 | 0.0260 | 6.6641 | 1.0920 | 7.7381 | 3.3971 | 1.0467 | 4.3851 | 0.0000 | 2,517.911 ₂ | 2,517.911 ₂ | 0.7709 | 0.0000 | 2,537.183 ₁ |
| 2020 | 10.4443 | 1.6875 | 1.8715 | 3.0800e-003 | 0.0112 | 0.1110 | 0.1222 | 2.9600e-003 | 0.1110 | 0.1140 | 0.0000 | 292.5223 | 292.5223 | 0.0221 | 0.0000 | 293.0758 |
| Maximum | 10.4690 | 22.7851 | 15.4992 | 0.0260 | 6.6641 | 1.0920 | 7.7381 | 3.3971 | 1.0467 | 4.3851 | 0.0000 | 2,517.911 ₂ | 2,517.911 ₂ | 0.7709 | 0.0000 | 2,537.183 ₁ |

Uptown Commons - Los Angeles-South Coast County, Winter

2.2 Overall Operational**Unmitigated Operational**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|------------------------------|---------------|--------------------|------------------------------|
| Category | lb/day | | | | | | | | | | | | | | | |
| Area | 0.2458 | 1.0000e-005 | 1.1300e-003 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 2.4100e-003 | 1.0000e-005 | | 2.5700e-003 |
| Energy | 5.3000e-004 | 4.8500e-003 | 4.0700e-003 | 3.0000e-005 | | 3.7000e-004 | 3.7000e-004 | | 3.7000e-004 | 3.7000e-004 | | | 5.8147 | 1.1000e-004 | 1.1000e-004 | 5.8492 |
| Mobile | 0.7946 | 3.5356 | 8.5318 | 0.0252 | 1.9724 | 0.0271 | 1.9995 | 0.5279 | 0.0254 | 0.5533 | | | 2.566.562 ₇ | 0.1576 | | 2.570.502 ₀ |
| Total | 1.0410 | 3.5405 | 8.5370 | 0.0253 | 1.9724 | 0.0274 | 1.9999 | 0.5279 | 0.0257 | 0.5537 | | | 2.572.379₈ | 0.1577 | 1.1000e-004 | 2.576.353₈ |

Mitigated Operational

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|------------------------------|---------------|--------------------|------------------------------|
| Category | lb/day | | | | | | | | | | | | | | | |
| Area | 0.2458 | 1.0000e-005 | 1.1300e-003 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 2.4100e-003 | 1.0000e-005 | | 2.5700e-003 |
| Energy | 5.3000e-004 | 4.8500e-003 | 4.0700e-003 | 3.0000e-005 | | 3.7000e-004 | 3.7000e-004 | | 3.7000e-004 | 3.7000e-004 | | | 5.8147 | 1.1000e-004 | 1.1000e-004 | 5.8492 |
| Mobile | 0.7946 | 3.5356 | 8.5318 | 0.0252 | 1.9724 | 0.0271 | 1.9995 | 0.5279 | 0.0254 | 0.5533 | | | 2.566.562 ₇ | 0.1576 | | 2.570.502 ₀ |
| Total | 1.0410 | 3.5405 | 8.5370 | 0.0253 | 1.9724 | 0.0274 | 1.9999 | 0.5279 | 0.0257 | 0.5537 | | | 2.572.379₈ | 0.1577 | 1.1000e-004 | 2.576.353₈ |

Uptown Commons - Los Angeles-South Coast County, Winter

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------------|------|------|------|------|---------------|--------------|------------|----------------|---------------|-------------|----------|----------|-----------|------|------|------|
| Percent Reduction | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.0 Construction Detail**Construction Phase**

| Phase Number | Phase Name | Phase Type | Start Date | End Date | Num Days Week | Num Days | Phase Description |
|--------------|-----------------------|-----------------------|------------|------------|---------------|----------|-------------------|
| 1 | Site Preparation | Site Preparation | 1/30/2019 | 2/1/2019 | 5 | 3 | |
| 2 | Grading | Grading | 2/2/2019 | 2/11/2019 | 5 | 6 | |
| 3 | Building Construction | Building Construction | 2/12/2019 | 12/16/2019 | 5 | 220 | |
| 4 | Paving | Paving | 12/17/2019 | 12/30/2019 | 5 | 10 | |
| 5 | Architectural Coating | Architectural Coating | 12/31/2019 | 1/13/2020 | 5 | 10 | |

Acres of Grading (Site Preparation Phase): 4.5**Acres of Grading (Grading Phase): 3****Acres of Paving: 0****Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 16,500; Non-Residential Outdoor: 5,500; Striped Parking Area: 0 (Architectural Coating – sqft)****OffRoad Equipment**

Uptown Commons - Los Angeles-South Coast County, Winter

| Phase Name | Offroad Equipment Type | Amount | Usage Hours | Horse Power | Load Factor |
|-----------------------|---------------------------|--------|-------------|-------------|-------------|
| Architectural Coating | Air Compressors | 1 | 6.00 | 78 | 0.48 |
| Paving | Cement and Mortar Mixers | 1 | 8.00 | 9 | 0.56 |
| Building Construction | Generator Sets | 1 | 8.00 | 84 | 0.74 |
| Building Construction | Cranes | 1 | 8.00 | 231 | 0.29 |
| Building Construction | Forklifts | 2 | 7.00 | 89 | 0.20 |
| Site Preparation | Graders | 1 | 8.00 | 187 | 0.41 |
| Paving | Pavers | 1 | 8.00 | 130 | 0.42 |
| Paving | Rollers | 2 | 8.00 | 80 | 0.38 |
| Grading | Rubber Tired Dozers | 1 | 8.00 | 247 | 0.40 |
| Building Construction | Tractors/Loaders/Backhoes | 1 | 6.00 | 97 | 0.37 |
| Grading | Tractors/Loaders/Backhoes | 2 | 7.00 | 97 | 0.37 |
| Paving | Tractors/Loaders/Backhoes | 1 | 8.00 | 97 | 0.37 |
| Site Preparation | Tractors/Loaders/Backhoes | 1 | 7.00 | 97 | 0.37 |
| Grading | Graders | 1 | 8.00 | 187 | 0.41 |
| Paving | Paving Equipment | 1 | 8.00 | 132 | 0.36 |
| Site Preparation | Scrapers | 1 | 8.00 | 367 | 0.48 |
| Building Construction | Welders | 3 | 8.00 | 46 | 0.45 |

Trips and VMT

| Phase Name | Offroad Equipment Count | Worker Trip Number | Vendor Trip Number | Hauling Trip Number | Worker Trip Length | Vendor Trip Length | Hauling Trip Length | Worker Vehicle Class | Vendor Vehicle Class | Hauling Vehicle Class |
|-----------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Site Preparation | 3 | 8.00 | 0.00 | 0.00 | 14.70 | 6.90 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Grading | 4 | 10.00 | 0.00 | 0.00 | 14.70 | 6.90 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Building Construction | 8 | 4.00 | 2.00 | 0.00 | 14.70 | 6.90 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Paving | 6 | 15.00 | 0.00 | 0.00 | 14.70 | 6.90 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Architectural Coating | 1 | 1.00 | 0.00 | 0.00 | 14.70 | 6.90 | 20.00 | LD_Mix | HDT_Mix | HHDT |

Uptown Commons - Los Angeles-South Coast County, Winter

3.1 Mitigation Measures Construction**3.2 Site Preparation - 2019****Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 1.5908 | 0.0000 | 1.5908 | 0.1718 | 0.0000 | 0.1718 | | | 0.0000 | | | 0.0000 |
| Off-Road | 1.7557 | 21.5386 | 11.9143 | 0.0245 | | 0.8537 | 0.8537 | | 0.7854 | 0.7854 | | 2,426.5408 | 2,426.5408 | 0.7677 | | 2,445.7341 |
| Total | 1.7557 | 21.5386 | 11.9143 | 0.0245 | 1.5908 | 0.8537 | 2.4445 | 0.1718 | 0.7854 | 0.9572 | | 2,426.5408 | 2,426.5408 | 0.7677 | | 2,445.7341 |

Uptown Commons - Los Angeles-South Coast County, Winter

3.2 Site Preparation - 2019**Unmitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------------|----------------|----------------|--------------------|-----|----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0443 | 0.0325 | 0.3540 | 9.2000e-004 | 0.0894 | 7.7000e-004 | 0.0902 | 0.0237 | 7.1000e-004 | 0.0244 | 91.3705 | 91.3705 | 91.3705 | 3.1400e-003 | | 91.4491 |
| Total | 0.0443 | 0.0325 | 0.3540 | 9.2000e-004 | 0.0894 | 7.7000e-004 | 0.0902 | 0.0237 | 7.1000e-004 | 0.0244 | 91.3705 | 91.3705 | 91.3705 | 3.1400e-003 | | 91.4491 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------------|------------------------------|---------------|-----|------------------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 1.5908 | 0.0000 | 1.5908 | 0.1718 | 0.0000 | 0.1718 | | | 0.0000 | | | 0.0000 |
| Off-Road | 1.7557 | 21.5386 | 11.9143 | 0.0245 | | 0.8637 | 0.8637 | | 0.7854 | 0.7854 | 0.0000 | 2.426.540 ₈ | 2.426.540 ₈ | 0.7677 | | 2,445.734 ₁ |
| Total | 1.7557 | 21.5386 | 11.9143 | 0.0245 | 1.5908 | 0.8637 | 2.4445 | 0.1718 | 0.7854 | 0.9572 | 0.0000 | 2.426.540₈ | 2.426.540₈ | 0.7677 | | 2,445.734₁ |

Uptown Commons - Los Angeles-South Coast County, Winter

3.2 Site Preparation - 2019**Mitigated Construction Off-Site**

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|----------------|----------------|--------------------|-----|----------------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0443 | 0.0325 | 0.3540 | 9.2000e-004 | 0.0894 | 7.7000e-004 | 0.0902 | 0.0237 | 7.1000e-004 | 0.0244 | | 91.3705 | 91.3705 | 3.1400e-003 | | 91.4491 |
| Total | 0.0443 | 0.0325 | 0.3540 | 9.2000e-004 | 0.0894 | 7.7000e-004 | 0.0902 | 0.0237 | 7.1000e-004 | 0.0244 | | 91.3705 | 91.3705 | 3.1400e-003 | | 91.4491 |

3.3 Grading - 2019**Unmitigated Construction On-Site**

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|------------------------------|------------------------------|---------------|-----|------------------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Fugitive Dust | | | | | 6.5523 | 0.0000 | 6.5523 | 3.3675 | 0.0000 | 3.3675 | | | 0.0000 | | | 0.0000 |
| Off-Road | 2.0287 | 22.7444 | 10.1518 | 0.0206 | | 1.0730 | 1.0730 | 0.9871 | 0.9871 | 0.9871 | | 2,041.253 ₉ | 2,041.253 ₉ | 0.6458 | | 2,057.399 ₇ |
| Total | 2.0287 | 22.7444 | 10.1518 | 0.0206 | 6.5523 | 1.0730 | 7.6253 | 3.3675 | 0.9871 | 4.3546 | | 2,041.253₉ | 2,041.253₉ | 0.6458 | | 2,057.399₇ |

Uptown Commons - Los Angeles-South Coast County, Winter

3.3 Grading - 2019**Unmitigated Construction Off-Site**

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|-----------------|-----------------|-----------------|--------------------|-----|-----------------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0554 | 0.0407 | 0.4425 | 1.1500e-003 | 0.1118 | 9.6000e-004 | 0.1127 | 0.0296 | 8.9000e-004 | 0.0305 | 114.2131 | 114.2131 | 114.2131 | 3.9300e-003 | | 114.3113 |
| Total | 0.0554 | 0.0407 | 0.4425 | 1.1500e-003 | 0.1118 | 9.6000e-004 | 0.1127 | 0.0296 | 8.9000e-004 | 0.0305 | 114.2131 | 114.2131 | 114.2131 | 3.9300e-003 | | 114.3113 |

Mitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------------|------------------------------|---------------|-----|------------------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Fugitive Dust | | | | | 6.5523 | 0.0000 | 6.5523 | 3.3675 | 0.0000 | 3.3675 | | | 0.0000 | | | 0.0000 |
| Off-Road | 2.0287 | 22.7444 | 10.1518 | 0.0206 | | 1.0730 | 1.0730 | 0.9871 | 0.9871 | 0.9871 | 0.0000 | 2.041.253 _g | 2.041.253 _g | 0.6458 | | 2,057.399 ₇ |
| Total | 2.0287 | 22.7444 | 10.1518 | 0.0206 | 6.5523 | 1.0730 | 7.6253 | 3.3675 | 0.9871 | 4.3546 | 0.0000 | 2,041.253_g | 2,041.253_g | 0.6458 | | 2,057.399₇ |

Uptown Commons - Los Angeles-South Coast County, Winter

3.4 Building Construction - 2019**Unmitigated Construction Off-Site**

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|----------------|----------------|--------------------|-----|-----------------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 8.6700e-003 | 0.2318 | 0.0677 | 5.1000e-004 | 0.0128 | 1.5000e-003 | 0.0143 | 3.6900e-003 | 1.4300e-003 | 5.1200e-003 | | 54.2554 | 54.2554 | 3.8100e-003 | | 54.3507 |
| Worker | 0.0222 | 0.0163 | 0.1770 | 4.6000e-004 | 0.0447 | 3.9000e-004 | 0.0451 | 0.0119 | 3.6000e-004 | 0.0122 | | 45.6852 | 45.6852 | 1.5700e-003 | | 45.7245 |
| Total | 0.0308 | 0.2480 | 0.2447 | 9.7000e-004 | 0.0575 | 1.8900e-003 | 0.0594 | 0.0156 | 1.7900e-003 | 0.0173 | | 99.9407 | 99.9407 | 5.3800e-003 | | 100.0752 |

Mitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Off-Road | 2.5581 | 18.9103 | 15.2545 | 0.0250 | | 1.0901 | 1.0901 | | 1.0449 | 1.0449 | 0.0000 | 2,312.1454 | 2,312.1454 | 0.4810 | | 2,324.1705 |
| Total | 2.5581 | 18.9103 | 15.2545 | 0.0250 | | 1.0901 | 1.0901 | | 1.0449 | 1.0449 | 0.0000 | 2,312.1454 | 2,312.1454 | 0.4810 | | 2,324.1705 |

Uptown Commons - Los Angeles-South Coast County, Winter

3.4 Building Construction - 2019**Mitigated Construction Off-Site**

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|----------------|----------------|--------------------|-----|-----------------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 8.6700e-003 | 0.2318 | 0.0677 | 5.1000e-004 | 0.0128 | 1.5000e-003 | 0.0143 | 3.6900e-003 | 1.4300e-003 | 5.1200e-003 | | 54.2554 | 54.2554 | 3.8100e-003 | | 54.3507 |
| Worker | 0.0222 | 0.0163 | 0.1770 | 4.6000e-004 | 0.0447 | 3.9000e-004 | 0.0451 | 0.0119 | 3.6000e-004 | 0.0122 | | 45.6852 | 45.6852 | 1.5700e-003 | | 45.7245 |
| Total | 0.0308 | 0.2480 | 0.2447 | 9.7000e-004 | 0.0575 | 1.8900e-003 | 0.0594 | 0.0156 | 1.7900e-003 | 0.0173 | | 99.9407 | 99.9407 | 5.3800e-003 | | 100.0752 |

3.5 Paving - 2019**Unmitigated Construction On-Site**

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|------------------------------|------------------------------|---------------|-----|------------------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Off-Road | 1.2453 | 12.5685 | 11.8507 | 0.0178 | | 0.7301 | 0.7301 | | 0.6728 | 0.6728 | | 1,746.243 ₂ | 1,746.243 ₂ | 0.5418 | | 1,759.787 ₀ |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Total | 1.2453 | 12.5685 | 11.8507 | 0.0178 | | 0.7301 | 0.7301 | | 0.6728 | 0.6728 | | 1,746.243₂ | 1,746.243₂ | 0.5418 | | 1,759.787₀ |

Uptown Commons - Los Angeles-South Coast County, Winter

3.5 Paving - 2019**Unmitigated Construction Off-Site**

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|-----------------|-----------------|-----------------|--------------------|-----|-----------------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0831 | 0.0610 | 0.6637 | 1.7200e-003 | 0.1677 | 1.4500e-003 | 0.1691 | 0.0445 | 1.3300e-003 | 0.0458 | 171.3196 | 171.3196 | 171.3196 | 5.8900e-003 | | 171.4670 |
| Total | 0.0831 | 0.0610 | 0.6637 | 1.7200e-003 | 0.1677 | 1.4500e-003 | 0.1691 | 0.0445 | 1.3300e-003 | 0.0458 | 171.3196 | 171.3196 | 171.3196 | 5.8900e-003 | | 171.4670 |

Mitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------------|------------------------------|---------------|-----|------------------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Off-Road | 1.2453 | 12.5685 | 11.8507 | 0.0178 | | 0.7301 | 0.7301 | | 0.6728 | 0.6728 | 0.0000 | 1,746.243 ₂ | 1,746.243 ₂ | 0.5418 | | 1,759.787 ₀ |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Total | 1.2453 | 12.5685 | 11.8507 | 0.0178 | | 0.7301 | 0.7301 | | 0.6728 | 0.6728 | 0.0000 | 1,746.243₂ | 1,746.243₂ | 0.5418 | | 1,759.787₀ |

Uptown Commons - Los Angeles-South Coast County, Winter

3.5 Paving - 2019**Mitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|-----|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0831 | 0.0610 | 0.6637 | 1.7200e-003 | 0.1677 | 1.4500e-003 | 0.1691 | 0.0445 | 1.3300e-003 | 0.0458 | | 171.3196 | 171.3196 | 5.8900e-003 | | 171.4670 |
| Total | 0.0831 | 0.0610 | 0.6637 | 1.7200e-003 | 0.1677 | 1.4500e-003 | 0.1691 | 0.0445 | 1.3300e-003 | 0.0458 | | 171.3196 | 171.3196 | 5.8900e-003 | | 171.4670 |

3.6 Architectural Coating - 2019**Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------------|-----------------|---------------|-----|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Archit. Coating | 10.1970 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.2664 | 1.8354 | 1.8413 | 2.9700e-003 | | 0.1288 | 0.1288 | | 0.1288 | 0.1288 | | 281.4481 | 281.4481 | 0.0238 | | 282.0423 |
| Total | 10.4634 | 1.8354 | 1.8413 | 2.9700e-003 | | 0.1288 | 0.1288 | | 0.1288 | 0.1288 | | 281.4481 | 281.4481 | 0.0238 | | 282.0423 |

Uptown Commons - Los Angeles-South Coast County, Winter

3.6 Architectural Coating - 2019

Unmitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|----------------|----------------|----------------|--------------------|-----|----------------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 5.5400e-003 | 4.0700e-003 | 0.0443 | 1.1000e-004 | 0.0112 | 1.0000e-004 | 0.0113 | 2.9600e-003 | 9.0000e-005 | 3.0500e-003 | 11.4213 | 11.4213 | 11.4213 | 3.9000e-004 | | 11.4311 |
| Total | 5.5400e-003 | 4.0700e-003 | 0.0443 | 1.1000e-004 | 0.0112 | 1.0000e-004 | 0.0113 | 2.9600e-003 | 9.0000e-005 | 3.0500e-003 | 11.4213 | 11.4213 | 11.4213 | 3.9000e-004 | | 11.4311 |

Mitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|-----|-----------------|
| lb/day | | | | | | | | | | | | | | | | |
| Archit. Coating | 10.1970 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.2664 | 1.8354 | 1.8413 | 2.9700e-003 | | 0.1288 | 0.1288 | | 0.1288 | 0.1288 | 0.0000 | 281.4481 | 281.4481 | 0.0238 | | 282.0423 |
| Total | 10.4634 | 1.8354 | 1.8413 | 2.9700e-003 | | 0.1288 | 0.1288 | | 0.1288 | 0.1288 | 0.0000 | 281.4481 | 281.4481 | 0.0238 | | 282.0423 |

Uptown Commons - Los Angeles-South Coast County, Winter

3.6 Architectural Coating - 2019**Mitigated Construction Off-Site**

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|----------|----------------|----------------|--------------------|-----|----------------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 5.5400e-003 | 4.0700e-003 | 0.0443 | 1.1000e-004 | 0.0112 | 1.0000e-004 | 0.0113 | 2.9600e-003 | 9.0000e-005 | 3.0500e-003 | | 11.4213 | 11.4213 | 3.9000e-004 | | 11.4311 |
| Total | 5.5400e-003 | 4.0700e-003 | 0.0443 | 1.1000e-004 | 0.0112 | 1.0000e-004 | 0.0113 | 2.9600e-003 | 9.0000e-005 | 3.0500e-003 | | 11.4213 | 11.4213 | 3.9000e-004 | | 11.4311 |

3.6 Architectural Coating - 2020**Unmitigated Construction On-Site**

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------------|-----------------|---------------|-----|-----------------|
| lb/day | | | | | | | | | | | | | | | | |
| Archit. Coating | 10.1970 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.2422 | 1.6838 | 1.8314 | 2.9700e-003 | | 0.1109 | 0.1109 | | 0.1109 | 0.1109 | | 281.4481 | 281.4481 | 0.0218 | | 281.9928 |
| Total | 10.4392 | 1.6838 | 1.8314 | 2.9700e-003 | | 0.1109 | 0.1109 | | 0.1109 | 0.1109 | | 281.4481 | 281.4481 | 0.0218 | | 281.9928 |

Uptown Commons - Los Angeles-South Coast County, Winter

3.6 Architectural Coating - 2020

Unmitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|----------|----------------|----------------|--------------------|-----|----------------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 5.1100e-003 | 3.6200e-003 | 0.0401 | 1.1000e-004 | 0.0112 | 9.0000e-005 | 0.0113 | 2.9600e-003 | 9.0000e-005 | 3.0500e-003 | | 11.0742 | 11.0742 | 3.5000e-004 | | 11.0829 |
| Total | 5.1100e-003 | 3.6200e-003 | 0.0401 | 1.1000e-004 | 0.0112 | 9.0000e-005 | 0.0113 | 2.9600e-003 | 9.0000e-005 | 3.0500e-003 | | 11.0742 | 11.0742 | 3.5000e-004 | | 11.0829 |

Mitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|-----|-----------------|
| lb/day | | | | | | | | | | | | | | | | |
| Archit. Coating | 10.1970 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.2422 | 1.6838 | 1.8314 | 2.9700e-003 | | 0.1109 | 0.1109 | | 0.1109 | 0.1109 | 0.0000 | 281.4481 | 281.4481 | 0.0218 | | 281.9928 |
| Total | 10.4392 | 1.6838 | 1.8314 | 2.9700e-003 | | 0.1109 | 0.1109 | | 0.1109 | 0.1109 | 0.0000 | 281.4481 | 281.4481 | 0.0218 | | 281.9928 |

Uptown Commons - Los Angeles-South Coast County, Winter

3.6 Architectural Coating - 2020**Mitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|----------|-------------|-------------|--------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|-------------|-----|---------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 5.1100e-003 | 3.6200e-003 | 0.0401 | 1.1000e-004 | 0.0112 | 9.0000e-005 | 0.0113 | 2.9600e-003 | 9.0000e-005 | 3.0500e-003 | | 11.0742 | 11.0742 | 3.5000e-004 | | 11.0829 |
| Total | 5.1100e-003 | 3.6200e-003 | 0.0401 | 1.1000e-004 | 0.0112 | 9.0000e-005 | 0.0113 | 2.9600e-003 | 9.0000e-005 | 3.0500e-003 | | 11.0742 | 11.0742 | 3.5000e-004 | | 11.0829 |

4.0 Operational Detail - Mobile**4.1 Mitigation Measures Mobile**

Uptown Commons - Los Angeles-South Coast County, Winter

5.1 Mitigation Measures Energy

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|------------------------|-------------|-------------|-------------|-------------|---------------|--------------|-------------|----------------|---------------|-------------|----------|-----------|-----------|-------------|-------------|--------|
| | lb/day | | | | | | | | | | | | | | | |
| NaturalGas Mitigated | 5.3000e-004 | 4.8500e-003 | 4.0700e-003 | 3.0000e-005 | 3.7000e-004 | 3.7000e-004 | 3.7000e-004 | 3.7000e-004 | 3.7000e-004 | 3.7000e-004 | | 5.8147 | 5.8147 | 1.1000e-004 | 1.1000e-004 | 5.8492 |
| NaturalGas Unmitigated | 5.3000e-004 | 4.8500e-003 | 4.0700e-003 | 3.0000e-005 | 3.7000e-004 | 3.7000e-004 | 3.7000e-004 | 3.7000e-004 | 3.7000e-004 | 3.7000e-004 | | 5.8147 | 5.8147 | 1.1000e-004 | 1.1000e-004 | 5.8492 |

**5.2 Energy by Land Use - NaturalGas
Unmitigated**

| Land Use | NaturalGas Use | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|------------|----------------|-------------|-------------|-------------|-------------|---------------|--------------|-------------|----------------|---------------|-------------|----------|-----------|-----------|-------------|-------------|--------|
| | kBTU/yr | lb/day | | | | | | | | | | | | | | | |
| Strip Mall | 49.4247 | 5.3000e-004 | 4.8500e-003 | 4.0700e-003 | 3.0000e-005 | 3.7000e-004 | 3.7000e-004 | 3.7000e-004 | 3.7000e-004 | 3.7000e-004 | 3.7000e-004 | | 5.8147 | 5.8147 | 1.1000e-004 | 1.1000e-004 | 5.8492 |
| Total | | 5.3000e-004 | 4.8500e-003 | 4.0700e-003 | 3.0000e-005 | 3.7000e-004 | 3.7000e-004 | 3.7000e-004 | 3.7000e-004 | 3.7000e-004 | 3.7000e-004 | | 5.8147 | 5.8147 | 1.1000e-004 | 1.1000e-004 | 5.8492 |

Uptown Commons - Los Angeles-South Coast County, Winter

5.2 Energy by Land Use - NaturalGas**Mitigated**

| Land Use | NaturalGas Use kBtu/yr | SO2 | CO | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|------------|---------------------------|-------------|-------------|-------------|-------------|-------------|---------------|--------------|-------------|----------------|---------------|-------------|----------|-----------|-----------|-------------|-------------|--------|
| lb/day | | | | | | | | | | | | | | | | | | |
| Strip Mall | 0.0494247 | 5.3000e-004 | 4.8500e-003 | 4.0700e-003 | 3.0000e-005 | 3.7000e-004 | 3.7000e-004 | 3.7000e-004 | 3.7000e-004 | 3.7000e-004 | 3.7000e-004 | 3.7000e-004 | | 5.8147 | 5.8147 | 1.1000e-004 | 1.1000e-004 | 5.8492 |
| Total | | 5.3000e-004 | 4.8500e-003 | 4.0700e-003 | 3.0000e-005 | 3.7000e-004 | 3.7000e-004 | 3.7000e-004 | 3.7000e-004 | 3.7000e-004 | 3.7000e-004 | 3.7000e-004 | | 5.8147 | 5.8147 | 1.1000e-004 | 1.1000e-004 | 5.8492 |

6.0 Area Detail**6.1 Mitigation Measures Area**

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------|--------|-------------|-------------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|-------------|-------------|-------------|-----|-------------|
| lb/day | | | | | | | | | | | | | | | | |
| Mitigated | 0.2458 | 1.0000e-005 | 1.1300e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 2.4100e-003 | 2.4100e-003 | 1.0000e-005 | | 2.5700e-003 |
| Unmitigated | 0.2458 | 1.0000e-005 | 1.1300e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 2.4100e-003 | 2.4100e-003 | 1.0000e-005 | | 2.5700e-003 |

Uptown Commons - Los Angeles-South Coast County, Winter

6.2 Area by SubCategory**Unmitigated**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|---------------|--------------------|--------------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|--------------------|--------------------|--------------------|-----|--------------------|
| SubCategory | lb/day | | | | | | | | | | lb/day | | | | | |
| Architectural Coating | 0.0279 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Consumer Products | 0.2178 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Landscaping | 1.1000e-004 | 1.0000e-005 | 1.1300e-003 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 2.4100e-003 | 2.4100e-003 | 1.0000e-005 | | 2.5700e-003 |
| Total | 0.2459 | 1.0000e-005 | 1.1300e-003 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 2.4100e-003 | 2.4100e-003 | 1.0000e-005 | | 2.5700e-003 |

Mitigated

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|---------------|--------------------|--------------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|--------------------|--------------------|--------------------|-----|--------------------|
| SubCategory | lb/day | | | | | | | | | | lb/day | | | | | |
| Architectural Coating | 0.0279 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Consumer Products | 0.2178 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Landscaping | 1.1000e-004 | 1.0000e-005 | 1.1300e-003 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 2.4100e-003 | 2.4100e-003 | 1.0000e-005 | | 2.5700e-003 |
| Total | 0.2459 | 1.0000e-005 | 1.1300e-003 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 2.4100e-003 | 2.4100e-003 | 1.0000e-005 | | 2.5700e-003 |

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

| Equipment Type | Number | Hours/Day | Days/Year | Horse Power | Load Factor | Fuel Type |
|----------------|--------|-----------|-----------|-------------|-------------|-----------|
|----------------|--------|-----------|-----------|-------------|-------------|-----------|

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

| Equipment Type | Number | Hours/Day | Hours/Year | Horse Power | Load Factor | Fuel Type |
|----------------|--------|-----------|------------|-------------|-------------|-----------|
|----------------|--------|-----------|------------|-------------|-------------|-----------|

Boilers

| Equipment Type | Number | Heat Input/Day | Heat Input/Year | Boiler Rating | Fuel Type |
|----------------|--------|----------------|-----------------|---------------|-----------|
|----------------|--------|----------------|-----------------|---------------|-----------|

User Defined Equipment

| Equipment Type | Number |
|----------------|--------|
|----------------|--------|

11.0 Vegetation
